

Electric Pallet Truck with Lithium Battery



Model:
CBD12W

Advantages:

- 48V large capacity maintenance-free lithium battery, long working time around 6hours.
- The charging time only needs 3 hours.
- 10 seconds replacement of the battery(two groups exchanged battery can be used for 24 hours of continuous work).
- Brushless motor, maintenance-free, high efficiency.
- Stepless speed, smooth speed changing.
- Small and beautiful, flexible steering, which can successfully enter the narrow space, such as elevators, small super market.



NEW



Charging Time
3HR

Fast and short boost charge, only 3 hours charging is sufficient to achieve full charge.

Working Time
6HR

Powerful and robust energy. 48V/20Ah battery voltage. A fully charged battery can work continuously for 6 hours.

Work Shift
24HR

Prepare just two pieces of lithium batteries. One charging, one working, 24 hours without break.

Electric Pallet Truck with Lithium Battery



- **Multi-function Control Handle**
incorporates butterfly-style thumb controls, emergency reverse button, horn button and key switch for ease of use.
- **Ergonomic Spring-loaded**
steering handle with comfort grip for reduced operator fatigue.
- **Long Tiller with Large Hand Grip**
for easy and comfortable hold, strain-free operation.
- **Plug-in Battery Design**
makes it easier to remove and change, no need additional tools or devices.
- **Integrated Rocker Arm**
The rocker arm is casted in single piece, intensifying the strength and structure.
- **Compact Vehicle Design**
Rugged and high-performing yet light weight body provides exceptional maneuverability in tight areas.
- **Less Wiring, Easy Service**
Mechanical and electronic components are easy to change and service.
- **Brushless Motor**
Stepless speed control provides better and smoother speed changing.
Brushless motor is easy for maintenance.

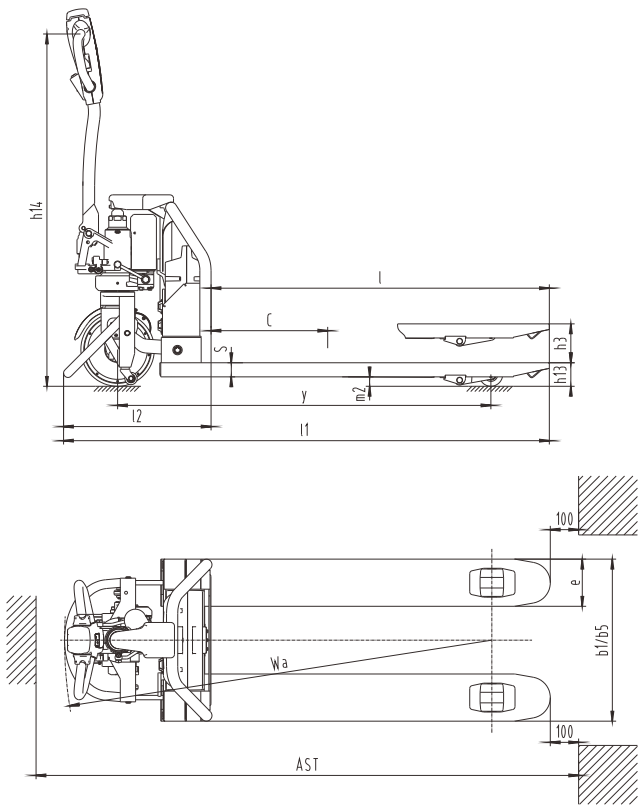


Range of application

- Indoor use, light duty work
- Warehouses freight handling
- Retail outlets
- Beverage distribution
- Frozen food storage
- Chemical handling and processing facilities

1KG=2.205LB 1INCH=25.40MM

Model		C8D12W
Load capacity	Q(kg)	1200
Load centre distance	c(mm)	600
Fork height, lowered	h ₁ (mm)	80
Tyre size, front	mm	Φ250
Tyre size, rear	mm	Φ80
Wheels, number front rear(x=driven wheels)		1X-2/4
Max. lift height	h ₂ (mm)	110
Height of tiller in drive position min./max.	h ₃ (mm)	635/1200
Overall length	l(mm)	1651/1721
Length to face of forks	l ₁ (mm)	501
Overall width	b(mm)	550/680
Fork dimensions	s/e/l(mm)	45/160/1150(1220)
Width overall forks	b ₁ (mm)	550/680
Aisle width for pallets 1000x1200 crossways	A ₁ (mm)	1850/1920
Aisle width for pallets 800x1200 lengthways	A ₂ (mm)	1900/1920
Turning radius	W(mm)	1452/1522
Travel speed, laden/unladen	Km/h	4/4.5
Battery voltage, nominal capacity K ₀	V/Ah	48/20
Battery weight	Kg	10
Battery dimensions l/w/h	mm	340x130x307
Service weight (with battery)	Kg	140



Conforms to EN ISO 3691-1
EN1175-1
EN16307-1
Based on Directive 2006/42/EC
Conform to EN Standard 12895
Based on directive: 2014/30/EU (EMC)

Electric Pallet Truck

Electric Stacker

Order Pallet

Narrow Aisle Truck

Electric Tow Tractor

Hand Pallet Truck

Manual Stacker

Lift Table



- **Super Light**
- **Max. Compact**
- **Great Powerful**



product
design
award



red dot
design award

MINI SERIES ELECTRIC PALLET TRUCK

Model: **CBD15W**
CBD18W

The Mini type full electric pallet truck is with compact design and powerfull motor, with small turning radius offers same outsize as Manual pallet truck, widely used in narrow aisle workshop, super market and cargo containers.

AC
Function



Conforms to EN ISO3691-1
EN1175-1
EN16307-1
Based on Directive 2006/42/EC

Electric Walkie Pallet Truck



Model:
CBD20W

AC Function



Multi-function display



CURTIS Handle



Frei tiller head (option)



Advantages: (CBD15W/CBD18W/CBD20W)

- With smallest turning radius 1320mm-1389mm (width 520/550/685mm)
- DC Brushless motor with high electric efficiency , maintenance free.
- Full sealed battery free to maintain, big capacity 80AH fit for high-intensive use.
- Max speed limit button can release brake when handle upright, reduce turning space greatly. (option for Germany Frei handle)
- High travel speed is up to 5.3-5.8km/h, improve productive efficiency.
- Floating balance wheel supports automatic height-adjusting.
- Horizontal drive wheel provides convenient replacement.

Standard Features

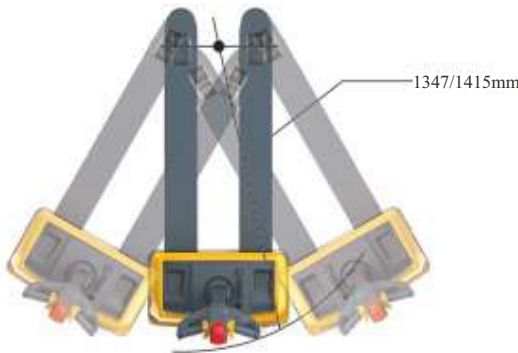
- RUYI new type Tiller Head with Max speed limit button.
- Emergency stop & belly button.
- BDI and hour meter.
- Casters to balance stability.
- Sealed battery.
- Brushless Horizontal motor.
- Built-in Charger.
- Exist roller.

Option

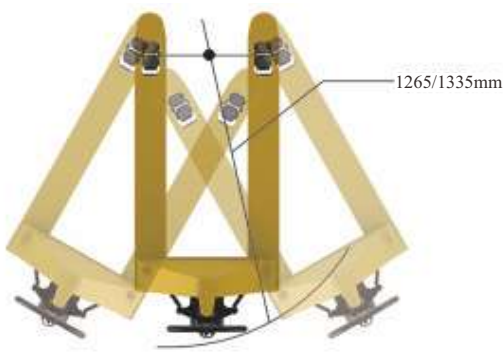
- Germany FREI Tiller Head.
- Built-out charger.
- Fork width and length (size).
- Load backrest.

Turning Radius

Smallest turning radius in MINI type electric pallet truck, it processes the smallest turning radius when switch to low speed. It adapts to use in narrow space, e.g. in the container.



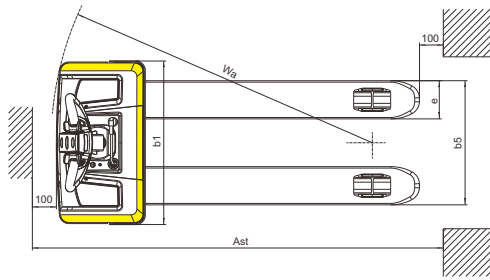
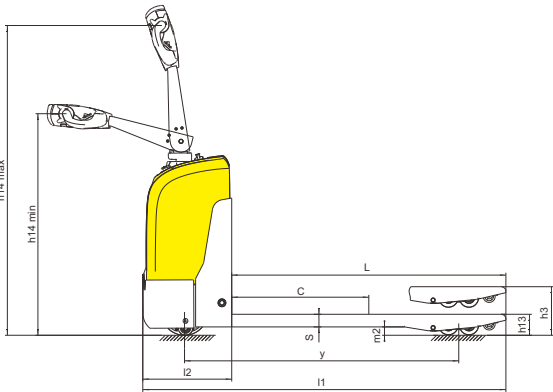
MINI type Electric Pallet Truck
turning radius

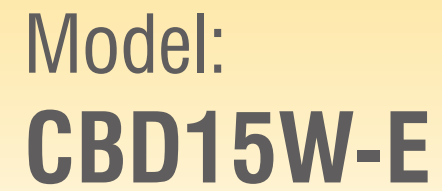


Hand Pallet Truck
turning radius

1KG=2.205LB 1INCH=25.40MM

Model		CBD15W	CBD18W	CBD20W
Load capacity	Q(kg)	1500	1800	2000
Load centre distance	c(mm)	600	600	600
Fork height,lowered	h ₀ (mm)	85 / 75	85 / 75	85 / 75
Tyre size,front	mm	Φ195x70	Φ195x70	Φ195x70
Tyre size,rear (single)	mm	Φ80x93 / Φ74x93	Φ80x93 / Φ74x93	Φ80x93 / Φ74x93
Tyre size,rear (double)	mm	Φ80x70 / Φ74x70	Φ80x70 / Φ74x70	Φ80x70 / Φ74x70
Wheels , number front rear (x = driven wheels)		1X-2/4	1X-2/4	1X-2/4
Max. lift height	h ₁ (mm)	190/180	190/180	190/180
Height of tiller in drive position min./max	h ₂ (mm)	950/1310	950/1310	950/1310
Overall length	l(mm)	1525/1595	1525/1595	1525/1595
Length to face of forks	l ₁ (mm)	375	375	375
Overall width	b(mm)	685	685	685
Fork dimensions	s/e/l(mm)	53/160/1150(1220)	53/160/1150(1220)	53/160/1150(1220)
Width overall forks	b ₁ (mm)	520/550/685	520/550/685	520/550/685
Aisle width for pallets 1000x1200(1200crossways)	A ₁ (mm)	1725/1795	1725/1795	1725/1795
Aisle width for pallets 800x1200(1200lengthways)	A ₂ (mm)	1775/1795	1775/1795	1775/1795
Turning radius	W _a (mm)	1347/1415	1347/1415	1335/1405
Travel speed,laden/unladen	Km/h	5.3/5.8	4.5/5	4/4.5
Battery voltage/nominal capacity K20	V/Ah	24/105	24/105	24/105
Battery dimensions l/w/h	mm	260/169/215	260/169/215	260/169/215
Battery weight	Kg	49	49	49
Service weight(with battery)	Kg	240	250	250





1KG=2.205LB 1INCH=25.40MM

Model	CBD15W-E	
Load capacity	Q(kg)	1500
Load centre distance	c(mm)	600
Fork height,lowered	h ₁₃ (mm)	85 / 75
Tyre size,front	mm	Φ195x70
Tyre size,rear (single)	mm	Φ80x93 / Φ74x93
Tyre size,rear (double)	mm	Φ80x70 / Φ74x70
Wheels, number front rear (x = driven wheels)		1x-2/4
Max. lift height	h(mm)	200/190
Height of tiller in drive position min./max	h _{1,2} (mm)	700/1250
Overall length	l(mm)	1654/1724
Length to face of forks	l _f (mm)	504
Overall width	b(mm)	685/562
Fork dimensions	s/e/l(mm)	53/160/1150(1220)
Width overall forks	b _f (mm)	520/550/685
Aisle width for pallets 1000x1200(1200crossways)	A _f (mm)	1854/1924
Aisle width for pallets 800x1200(1200lengthways)	A _l (mm)	1904/1924
Turning radius	Wa(mm)	1454/1424
Travel speed, laden/unladen	Km/h	4.3/4.8
Battery voltage/nominal capacity K20	V/Ah	24/65
Battery dimensions l/w/h	mm	228/138/214
Battery weight	Kg	36
Service weight(with battery)	Kg	205

- Adopting floating balance wheel can prevent the side swing of the truck when travelling. Travel smoothly and no swing; great anti-vibration.
- The whole balance wheel can be removed, easy to maintain.
- The rock arm mechanism integral structure which improves the structure strength effectively, meanwhile, share and adjust the even force from the fork. Reduce the obvious deflection in fork height after a long use and when loading.
- The drive wheel adopts horizontal type structure which makes the layout position of the motor higher off the ground to prevent the water, dust and greasy dirt gluing on the motor effectively and improve working condition of the motor.
- The truck is equipped with a height limit switch. Cut off the lifting circuit when lifting height approaches the highest point to disconnect the power of the hydraulic power unit to prevent the noise from the spillover of the hydraulic station and save the energy caused by spillover.

